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DOCKET NO.: ISIS-2508

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Anticipated Classification of
this application:

Phillip D. Cook

Class: 536 Subclass: 023

For: PNA-DNA-PNA-CHIMERIC MACROMOLECULES

Prior Application

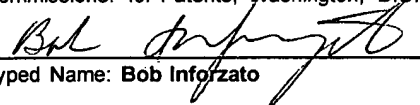
Examiner: Christopher S.F. Low

Art Unit: 1804

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Date of Deposit June 17, 1997 S-D

I hereby certify that this paper is being deposited with the
United States Postal Service "Express Mail Post Office to
Addressee" service under 37 CFR 1.10 on the date
indicated above and is addressed to the Assistant
Commissioner for Patents, Washington, D.C. 20231.


Typed Name: Bob Inforzato

BOX PATENT APPLICATION

Assistant Commissioner for Patents
Washington, D.C. 20231

37 C.F.R. §1.60 TRANSMITTAL LETTER

Sir:

This is a request for filing a

() Continuation (XX) Divisional application under
37 CFR 1.60, of pending prior application Serial No. 08/158,352,
filed on November 24, 1993 of Phillip D. Cook entitled PNA-DNA-
PNA-CHIMERIC MACROMOLECULES.

1. (XX) Enclosed is a copy of the prior application, including
the oath or declaration as originally filed.

I hereby verify that the attached papers comprise
a true copy of the prior application Serial No.
08/158,352, as originally filed on November 24,
1993, and that no amendments referred to in the
Oath or Declaration filed to complete the prior
application introduced new matter therein.

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The filing fee is calculated below on the basis of claims as filed in the prior application, less any claims cancelled or including any claims added by amendment listed below:

			SMALL ENTITY			OTHER THAN SMALL ENTITY	
For:	No. Filed	No. Extra	Rate	Fee	<u>OR</u>	Rate	Fee
BASIC FEE				\$385	<u>OR</u>		\$770
Total Claims	23- 20 =	3	x \$11=	\$33	<u>OR</u>	x \$22=	\$
Indep. Claims	3- 3 =	0	x \$40=	\$0	<u>OR</u>	x \$80=	\$0
First Presentation Multiple Dependent Claims			+\$130=	\$0	<u>OR</u>	+\$260=	\$0
TOTAL				\$418			\$

2. () Verified Statement Claiming Small Entity Status is enclosed herewith.
3. () Verified Statement Claiming Small Entity Status was filed in the parent case.
4. () Please charge my Deposit Account No. 23-3050 in the amount of \$_____. This sheet is attached in triplicate.
5. (XX) A check in the amount of \$418.00 is attached. Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050.
6. (XX) The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-3050. This sheet is attached in triplicate.
 - (XX) Any additional filing fees required under 37 CFR 1.16 including fees for presentation of extra claims.
 - (XX) Any additional patent application processing fees under 37 CFR 1.17 and under 37 CFR 1.20(d).

7. (XX) The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 23-3050. This sheet is attached in triplicate.

(XX) Any patent application processing fees under 37 CFR 1.17 and under 37 CFR 1.20(d).

() The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).

(XX) Any filing fees under 37 CFR 1.16 including fees for presentation of extra claims.

8. () Cancel in this application original claims _____ of the prior application before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)

9. (XX) Amend the specification by inserting before the first line the sentence: --This is a () continuation, (XX) division, of application Serial No. 08/158,352, filed November 24, 1993.--

10. () Formal drawings/photographs will be submitted when requested by the United States Patent and Trademark Office.

11. () Please abandon said prior application as of the filing date accorded this application. A duplicate copy of this sheet is enclosed for filing in the prior application file. (May only be used if signed by person authorized by 37 CFR 1.138 and before payment of the base issue fee.)

12. () Priority of application Serial No. _____ filed on _____ in _____ (country) is claimed under 35 U.S.C. Section 119.

() The certified copy has been filed in prior application Serial No. _____, filed _____.

13. (XX) The prior application is assigned of record to ISIS Pharmaceuticals Inc. 2280 Faraday Avenue, Carlsbad, CA 92008.

14. () Copy of the Assignment(s) of the invention and separate Form(s) 1595 for each Assignment will be submitted upon receipt of the Official Filing Receipt.

15. (XX) The power of attorney in the prior application is to John W. Caldwell and Joseph Lucci, Registration No. 28,937 and 33,307, ADDRESS: WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP One Liberty Place - 46th Floor Philadelphia, PA 19103

(XX) The power appears in the original papers in the prior application.

() Since the power does not appear in the original papers, a copy of the power in the prior application is enclosed.

16. (XX) As appointment of associate attorneys and/or agents with full power to prosecute this application and to transact all business in the Patent Office connected therewith, please recognize the following:

Robert B. Washburn	Registration No. 16,574
Richard E. Kurtz	Registration No. 19,263
John J. Mackiewicz	Registration No. 19,709
Norman L. Norris	Registration No. 24,196
Albert W. Preston, Jr.	Registration No. 25,366
Dale M. Heist	Registration No. 28,425
Philip S. Johnson	Registration No. 27,200
John W. Caldwell	Registration No. 28,937
Gary H. Levin	Registration No. 28,734
Steven J. Rocci	Registration No. 30,489
Dianne B. Elderkin	Registration No. 28,598
Francis A. Paintin	Registration No. 19,386
John P. Donohue, Jr.	Registration No. 29,916
Henrik D. Parker	Registration No. 31,863
Suzanne E. Miller	Registration No. 32,279
Lynn B. Morreale	Registration No. 32,842
Michael P. Dunnam	Registration No. 32,611
Michael D. Stein	Registration No. 34,734
Albert J. Marcellino	Registration No. 34,664
David R. Bailey	Registration No. 35,057
John L. Knoble	Registration No. 32,387
Michele K. Herman	Registration No. 35,893
Barbara L. Mullin	Registration No. 38,250
Ken I. Yoshida	Registration No. 37,009
Mark DeLuca	Registration No. 33,229
Steven B. Samuels	Registration No. 37,711
Lynn A. Malinoski	Registration No. 38,788
Lori Y. Beardell	Registration No. 34,293
Doreen Yatko Trujillo	Registration No. 35,719
Michael P. Straher	Registration No. 38,325
Paul K. Legaard	Registration No. 38,534
Kevin M. Flannery	Registration No. 35,871
David A. Cherry	Registration No. 35,099

Anthony J. Rossi Registration No. 24,053
D. Jennings Meincke Registration No. 36,606
Michael L. Korniczky Registration No. 37,661
Michael J. Swope Registration No. 38,041
Edward D. Griefff Registration No. 38,898
Gail Ann Dalickas Registration No. P40,979

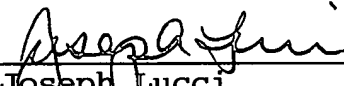
and

Herb Boswell Registration No. 27,311
Laurel Bernstein Registration No. 37,280
Andrew E. Granston Registration No. 38,473

17. () A preliminary amendment is enclosed. Claims added by this amendment have been properly numbered consecutively beginning with the number next following the highest numbered original claim in the prior application.
18. () A Petition for Extension of Time has been filed in the parent application, Serial No. _____ filed _____. A copy of the Petition for Extension of Time is enclosed.
19. (XX) Enclosed is a Statement to Support Filing and Submission of DNA/Amino Acid Sequences in Accordance with 37 CFR §§ 1.821 through 1.825.

() Enclosed is a Letter of Reference to Computer Readable Form.

Date: June 17, 1997



Joseph Lucci
Registration No. 33,307

WOODCOCK WASHBURN KURTZ
MACKIEWICZ & NORRIS LLP
One Liberty Place - 46th Floor
Philadelphia, PA 19103
(215) 568-3100